NEEDHAM
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	Exp	Obs	SIR		Exp	Obs	SIR
Bladder, Urinary				**Melanoma of Skin**			
Male	20.96	18	86	Male	11.72	12	102
Female	8.36	5	60	Female	9.47	10	106
Total	29.32	23	78	Total	21.19	22	104
Brain and Other Central Nervous System				**Multiple Myeloma**			
Male	6.19	10	161	Male	3.83	5	130
Female	5.59	12	215 #+	Female	3.72	3	NC*
Total	11.79	22	187 #+	Total	7.55	8	106
Breast				**Non-Hodgkin's Lymphoma**			
Male	1.33	2	NC*	Male	15.56	20	129
Female	125.15	144	115	Female	14.76	14	95
Total	126.49	146	115	Total	30.32	34	112
Cervix Uteri				**Oral Cavity and Pharynx**			
				Male	12.97	10	77
Female	7.34	6	82	Female	6.63	4	NC*
				Total	19.60	14	71
Colon / Rectum				**Ovary**			
Male	52.66	41	78				
Female	53.75	43	80	Female	14.84	21	141
Total	106.41	84	79 #-				
Esophagus				**Pancreas**			
Male	7.41	5	67	Male	7.84	2	NC*
Female	2.77	6	217	Female	8.75	7	80
Total	10.18	11	108	Total	16.59	9	54
Hodgkin's Disease				**Prostate**			
Male	2.69	2	NC*	Male	126.47	142	112
Female	2.18	3	NC*				
Total	4.87	5	103				
Kidney and Renal Pelvis				**Stomach**			
Male	11.62	11	95	Male	8.96	5	56
Female	7.24	8	110	Female	5.80	0	NC*
Total	18.86	19	101	Total	14.76	5	34 ~-
Larynx				**Testis**			
Male	7.08	2	NC*	Male	3.52	10	284 ~+

	Exp	Obs	SIR		Exp	Obs	SIR
Female	2.04	1	NC*				
Total	9.12	3	NC*				
Leukemia				**Thyroid**			
Male	8.51	11	129	Male	2.15	2	NC*
Female	6.75	10	148	Female	5.73	6	105
Total	15.26	21	138	Total	7.88	8	102
Liver and Intrahepatic Bile Ducts				**Uteri, Corpus and Uterus, NOS**			
Male	4.04	2	NC*				
Female	1.79	1	NC*	Female	24.27	21	87
Total	5.83	3	NC*				
Lung and Bronchus				**All Sites / Types**			
Male	66.02	37	56 ^-	Male	409.17	376	92
Female	50.98	39	76	Female	397.66	400	101
Total	117.01	76	65 ^-	Total	806.83	776	96

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the **p** ≤ 0.05 level

~ indicates statistical significance at the **p** ≤ 0.01 level, as well as at the **p** ≤ 0.05 level

^ indicates statistical significance at the **p** ≤ 0.001 level, as well as at the **p** ≤ 0.05 and **p** ≤ 0.01 levels